

EXHIBIT 56

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
aaa accounting	aaa accounting	<p>Command Syntax</p> <pre>aaa accounting TYPE CONNECTION MODE [METHOD_1] [METHOD_2] ... [METHOD_N] no aaa accounting TYPE CONNECTION default aaa accounting TYPE CONNECTION</pre> <p>Parameters</p> <ul style="list-style-type: none"> • TYPE authorization type for which the command specifies a method list. Options include: <ul style="list-style-type: none"> — EXEC records user authentication events. — COMMANDS ALL records all entered commands. — COMMANDS <i>level</i> records entered commands of the specified <i>level</i> (ranges from 0 to 15). • CONNECTION connection type of sessions for which method lists are reported. Options include: <ul style="list-style-type: none"> — console console connection. — default all connections not covered by other command options. • MODE accounting mode that defines when accounting notices are sent. Options include: <ul style="list-style-type: none"> — none no notices are sent. — start-stop a <i>start</i> notice is sent when a process begins; a <i>stop</i> notice is sent when it ends. — stop-only a <i>stop</i> accounting record is generated after a process successfully completes. • METHOD_X server groups (methods) to which the switch can send accounting records. The switch sends the method list to the first listed group that is available. <p>Parameter value is not specified if MODE is set to <i>none</i>. If MODE is not set to <i>none</i>, the command must provide at least one method. Each method is composed of one of the following:</p> <ul style="list-style-type: none"> — group <i>name</i> the server group identified by <i>name</i>. — group radius server group that includes all defined RADIUS hosts. — group tacacs+ server group that includes all defined TACACS+ hosts. — logging log all accounting messages to syslog. 	No

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aaa accounting dot1x	aaa accounting dot1x	<p>Command Syntax</p> <pre>aaa accounting dot1x default <i>MODE</i> [<i>METHOD_1</i>] [<i>METHOD_2</i>] ... [<i>METHOD_N</i>] no aaa accounting dot1x default default aaa accounting dot1x default</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>MODE</i> accounting mode that defines when accounting notices are sent. Options include: <ul style="list-style-type: none"> — <i>start-stop</i> a <i>start</i> notice is sent when a process begins; a <i>stop</i> notice is sent when it ends. • <i>METHOD_X</i> server groups (methods) to which the switch can send accounting records. The switch sends the method list to the first listed group that is available. <p>Parameter value is not specified if <i>MODE</i> is set to <i>none</i>. If <i>MODE</i> is not set to <i>none</i>, the command must provide at least one method. Each method is composed of one of the following:</p> <ul style="list-style-type: none"> — <i>group name</i> the server group identified by <i>name</i>. — <i>group radius</i> server group that includes all defined RADIUS hosts. — <i>logging</i> server group that includes all defined TACACS+ hosts. 	No
aaa authentication login	aaa authentication login	<p>Command Syntax</p> <pre>aaa authentication login <i>CONNECTION</i> <i>SERVICE_1</i> [<i>SERVICE_2</i>] ... [<i>SERVICE_N</i>] no aaa authentication login <i>CONNECTION</i> default aaa authentication login <i>CONNECTION</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>CONNECTION</i> connection type of sessions for which authentication list is used <ul style="list-style-type: none"> — <i>default</i> the default authentication list. — <i>console</i> the authentication list for console logins. • <i>SERVICE_X</i> an authentication service. Settings include: <ul style="list-style-type: none"> — <i>group name</i> identifies a previously defined server group. — <i>group radius</i> a server group that consists of all defined RADIUS hosts. — <i>group tacacs+</i> a server group that consists of all defined TACACS+ hosts. — <i>local</i> local authentication. — <i>none</i> the switch does not perform authentication. All access attempts succeed. 	No

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aaa authorization config-commands	aaa authorization config-commands	Command Syntax <code>aaa authorization config-commands</code> <code>no aaa authorization config-commands</code> <code>default aaa authorization config-commands</code>	Yes
aaa authorization console	aaa authorization console	Command Syntax <code>aaa authorization console</code> <code>no aaa authorization console</code> <code>default aaa authorization console</code>	Yes
aaa group server radius	aaa group server radius	Command Syntax <code>aaa group server radius group_name</code> <code>no aaa group server radius group_name</code> <code>default aaa group server radius group_name</code> Parameters <ul style="list-style-type: none"> <code>group_name</code> name (text string) assigned to the group. Cannot be identical to a name already assigned to a TACACS+ server group. 	No

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aaa group server tacacs+	aaa group server tacacs+	<p>Command Syntax</p> <pre>aaa group server tacacs+ group_name no aaa group server tacacs+ group_name default aaa group server tacacs+ group_name</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>group_name</i> name (text string) assigned to the group. Cannot be identical to a name already assigned to a RADIUS server group. 	No
address-family	address-family	<p>Command Syntax</p> <pre>bgp ADDRESS_TYPE no bgp ADDRESS_TYPE default bgp ADDRESS_TYPE</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>ADDRESS_FAMILY</i> Address family affected by subsequent commands. Options include: <ul style="list-style-type: none"> — ipv4 IPv4 unicast — ipv6 IPv6 unicast <p>Example</p> <ul style="list-style-type: none"> These commands enter address family mode for IPv6-unicast, insert a command, then exit the mode: <pre>switch(config)#router bgp 1 switch(config-router-bgp)#address-family ipv6 switch(config-router-bgp-af)#neighbor 172.10.1.1 activate switch(config-router-bgp-af)#exit switch(config-router-bgp)#</pre> 	No

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aggregate-address	aggregate-address	<p>Command Syntax</p> <pre>aggregate-address <i>AGGREGATE_NET</i> [<i>AS_SET</i>] [<i>SUMMARY</i>] [<i>ATTRIBUTE_MAP</i>] [<i>MATCH_MAP</i>] no aggregate-address <i>AGGREGATE_NET</i> default aggregate-address <i>AGGREGATE_NET</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>AGGREGATE_NET</i> aggregate route IP address. Options include: <ul style="list-style-type: none"> — <i>netv4_addr</i> IPv4 subnet address (CIDR or address-mask notation). — <i>netv6_addr</i> IPv6 subnet address (CIDR notation). • <i>AS_SET</i> controls AS_PATH attribute values associated with aggregate route. Options include: <ul style="list-style-type: none"> — <no parameter> ATOMIC_AGGREGATE attribute is set. Route contains no AS_PATH data. — <i>as-set</i> route includes AS_PATH information from contributor routes as AS_SET attributes. • <i>SUMMARY</i> controls advertisement of contributor routes. Options include: <ul style="list-style-type: none"> — <no parameter> contributor and aggregate routes are advertised. — <i>summary-only</i> contributor routes are not advertised. • <i>ATTRIBUTE_MAP</i> controls attribute assignments to the aggregate route. Options include: <ul style="list-style-type: none"> — <no parameter> attribute values are not assigned to route. — <i>attribute-map map_name</i> assigns attribute values in set commands of the map's permit clauses. Deny clauses and match commands in permit clauses are ignored. • <i>MATCH_MAP</i> filters contributors to the aggregate route. Options include: <ul style="list-style-type: none"> — <no parameter> no contributors are filtered. — <i>match-map map_name</i> filters contributor routes using the named match-map. 	No

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area default-cost	area default-cost (OSPFv3)	<p>Command Syntax</p> <pre>area area_id default-cost def_cost no area area_id default-cost default area area_id default-cost</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>area_id</i> area number. <0 to 4294967295> or <0.0.0.0 to 255.255.255.255> <i>Running-config</i> stores value in dotted decimal notation. <i>def_cost</i> Values range from 1 to 65535. 	No
area default-cost	area default-cost (OSPFv2)	<p>Command Syntax</p> <pre>area area_id default-cost def_cost no area area_id default-cost default area area_id default-cost</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>area_id</i> area number. <0 to 4294967295> or <0.0.0.0 to 255.255.255.255> <i>running-config</i> stores value in dotted decimal notation. <i>def_cost</i> Value ranges from 1 to 65535. Default value is 10. 	No

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area nssa	area nssa (OSPFv2)	<p>Command Syntax</p> <pre> area area_id nssa [TYPE] no area area_id nssa [TYPE] default area area_id nssa [TYPE] </pre> <p>All parameters except <i>area_id</i> can be placed in any order.</p> <p>Parameters</p> <ul style="list-style-type: none"> <i>area_id</i> Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>running-config</i> stores value in dotted decimal notation. <i>TYPE</i> area type. Values include: <ul style="list-style-type: none"> <no parameter> nssa-only 	No

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area nssa	area nssa (OSPFv3)	<p>Command Syntax</p> <pre>area area_id nssa [TYPE] no area area_id nssa [TYPE] [default area area_id nssa [TYPE]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>area_id</i> Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>Running-config</i> stores value in dotted decimal notation. • <i>TYPE</i> • Values include: <ul style="list-style-type: none"> — <no parameter> — nssa-only 	No
area nssa default-information-originate	area nssa default-information-originate (OSPFv2)	<p>Command Syntax</p> <pre>area area_id nssa default-information-originate [VALUE] [TYPE] [EXCL] no area area_id nssa default-information-originate default area area_id nssa default-information-originate</pre> <p>All parameters except <i>area_id</i> can be placed in any order.</p> <p>Parameters</p> <ul style="list-style-type: none"> • <i>area_id</i> Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>running-config</i> stores value in dotted decimal notation. • <i>VALUE</i> Values include: 	No

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		<ul style="list-style-type: none"> — <no parameter> Default value of 1. — metric <1-65535> • TYPE Values include: <ul style="list-style-type: none"> — <no parameter> — metric-type <1-2> • EXCL Values include: <ul style="list-style-type: none"> — <no parameter>. — nssa-only 	

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area nssa default-information-originate	area nssa default-information-originate (OSPFv3)	<p>Command Syntax</p> <pre>area area_id nssa default-information-originate [VALUE] [TYPE] [EXCL] no area area_id nssa default-information-originate [VALUE] [TYPE] [EXCL] default area area_id nssa default-information-originate [VALUE] [TYPE] [EXCL]</pre> <p>All parameters except <i>area_id</i> can be placed in any order.</p> <p>Parameters</p> <ul style="list-style-type: none"> <i>area_id</i> <p>Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>Running-config</i> stores value in dotted decimal notation.</p> <i>VALUE</i> Values include: <ul style="list-style-type: none"> <no parameter> metric <1-65535> <i>TYPE</i> Values include: <ul style="list-style-type: none"> <no parameter> metric-type <1-2> <i>EXCL</i> Values include: <ul style="list-style-type: none"> <no parameter> nssa-only 	No

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area nssa no-summary	area nssa no-summary (OSPFv2)	<p>Command Syntax</p> <pre>area area_id nssa no-summary no area area_id nssa no-summary default area area_id nssa no-summary</pre> <p>Parameters</p> <ul style="list-style-type: none">• <i>area_id</i> area number. <p>Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>running-config</i> stores value in dotted decimal notation.</p>	No
area nssa translate type7 always	area nssa translate type7 always (OSPFv2)	<p>Command Syntax</p> <pre>area area_id nssa translate type7 always no area_id nssa translate type7 always default area_id nssa translate type7 always</pre> <p>Parameters</p> <ul style="list-style-type: none">• <i>area_id</i> area number. <p>Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>running-config</i> stores value in dotted decimal notation.</p>	No

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area nssa translate type7 always	area nssa translate type7 always (OSPFv3)	<p>Command Syntax</p> <pre>area area_id nssa translate type7 always no area_id nssa translate type7 always default area_id nssa translate type7 always</pre> <p>Parameters</p> <ul style="list-style-type: none"> area_id <p>Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>Running-config</i> stores value in dotted decimal notation.</p>	No
area range	area range (OSPFv3)	<p>Command Syntax</p> <pre>area area_id range net_addr [ADVERTISE_SETTING] [COST_SETTING] no area area_id range net_addr [ADVERTISE_SETTING] [COST_SETTING] default area area_id range net_addr [ADVERTISE_SETTING] [COST_SETTING]</pre> <p>Parameters</p> <ul style="list-style-type: none"> area_id <0 to 4294967295> or <0.0.0.0 to 255.255.255.255> net_addr ADVERTISE_SETTING specifies the LSA advertising activity. Values include <ul style="list-style-type: none"> <no parameter> advertise not-advertise COST_SETTING Values include <ul style="list-style-type: none"> <no parameter> cost range_cost Value ranges from 1 to 65535. 	No

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area range	area range (OSPFv2)	<p>Command Syntax</p> <pre> area area_id range net_addr [ADVERTISE_SETTING] [COST_SETTING] no area area_id range net_addr [ADVERTISE_SETTING] [COST_SETTING] default area area_id range net_addr [ADVERTISE_SETTING] [COST_SETTING] </pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>area_id</i> area number. <0 to 4294967295> or <0.0.0.0 to 255.255.255.255> <i>running-config</i> stores value in dotted decimal notation. • <i>net_addr</i> • <i>ADVERTISE_SETTING</i> Values include <ul style="list-style-type: none"> — <no parameter> — advertise — not-advertise • <i>COST_SETTING</i> Values include <ul style="list-style-type: none"> — <no parameter> — <i>cost range_cost</i> Value ranges from 1 to 65535. 	No

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area stub	area stub (OSPFv2)	<p>Command Syntax</p> <pre>area area_id stub [summarize] no area area_id stub [summarize] default area area_id stub [summarize]</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>area_id</i> area number. Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>running-config</i> stores value in dotted decimal notation. <i>SUMMARIZE</i> area type. Values include: <ul style="list-style-type: none"> <no parameter> no-summary 	No
area stub	area stub (OSPFv3)	<p>Command Syntax</p> <pre>area area_id stub no area area_id stub default area area_id stub</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>area_id</i> Valid formats: integer <1 to 4294967295> or dotted decimal <0.0.0.1 to 255.255.255.255> Area 0 (or 0.0.0.0) is not configurable; it is always <i>normal</i>. <i>Running-config</i> stores value in dotted decimal notation. 	No

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arp timeout	arp timeout	<p>Command Syntax</p> <pre>arp timeout <i>arp_time</i> no arp timeout default arp timeout</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>arp_time</i> ARP timeout period (seconds). Values range from 60 to 65535. Default value is 14400. 	No
banner login	banner login	<p>Command Syntax</p> <pre>banner login no banner login default banner login</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>banner_text</i> To configure the banner, enter a message when prompted. The message may span multiple lines. Banner text supports the following keywords: <ul style="list-style-type: none"> \$(hostname) displays the switch's host name. EOF To end the banner editing session, type EOF on its own line and press enter. 	No (Requires text to be inputted)
banner motd	banner motd	<p>Command Syntax</p> <pre>banner motd no banner motd default banner motd</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>banner_text</i> To configure the banner, enter a message when prompted. The message may span multiple lines. Banner text supports this keyword: <ul style="list-style-type: none"> \$(hostname) displays the switch's host name. EOF To end the banner editing session, type EOF on its own line and press enter. 	No (Requires text to be inputted)

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bfd all-interfaces	bfd all-interfaces	Command Syntax bfd all-interfaces no bfd all-interfaces default bfd all-interfaces	Yes
bgp client-to-client reflection	bgp client-to-client reflection	Command Syntax bgp client-to-client reflection no bgp client-to-client reflection default bgp client-to-client reflection	Yes
bgp cluster-id	bgp cluster-id	Command Syntax bgp cluster-id <i>ID_NUM</i> no bgp cluster-id default bgp cluster-id Parameters <ul style="list-style-type: none"> <i>ID_NUM</i> cluster ID shared by all route reflectors in the cluster (32-bit dotted-decimal notation). Options include: <ul style="list-style-type: none"> <i>0.0.0.1</i> to <i>255.255.255.255</i> valid cluster ID number. <i>0.0.0.0</i> removes the cluster-ID from the switch. Equivalent to no bgp cluster-id command. 	No

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bgp confederation identifier	bgp confederation identifier	Command Syntax <code>bgp confederation identifier as_number</code> <code>no bgp confederation identifier</code> <code>default bgp confederation identifier</code> Parameters <ul style="list-style-type: none"><i>as_number</i> the ID of BGP AS confederation. Value ranges from 1 to 4294967295.	No
bgp confederation peers	bgp confederation peers	Command Syntax <code>bgp confederation peers as_range</code> <code>no bgp confederation peers as_range</code> <code>default bgp confederation peers as_range</code> Parameters <ul style="list-style-type: none"><i>as_range</i> the Sub-AS number. <i>as_range</i> formats include number (from 1 to 4294967295), number range, or comma-delimited list of numbers and ranges.	No
bgp listen limit	bgp listen limit	Command Syntax <code>bgp listen limit maximum</code> <code>no bgp listen limit</code> <code>default bgp listen limit</code> Parameters <ul style="list-style-type: none"><i>maximum</i> the maximum number of dynamic BGP peers to be allowed on the switch. Values range from 1 to 1000; default value is 100.	No

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bgp log-neighbor-changes	bgp log-neighbor-changes	Command Syntax bgp log-neighbor-changes no bgp log-neighbor-changes default bgp log-neighbor-changes	Yes
bgp redistribute-internal	bgp redistribute-internal (BGP)	Command Syntax bgp redistribute internal no bgp redistribute internal default bgp redistribute internal	Yes
boot system	boot system	Command Syntax boot system <i>DEVICE</i> <i>file_path</i> Parameters <ul style="list-style-type: none">• <i>DEVICE</i> Location of the image file. Options include<ul style="list-style-type: none">— file: file is located in the switch file directory.— flash: file is located in flash memory.— usb1: file is located on a drive inserted in the USB flash port. Available if a drive is in the port.• <i>file_path</i> Path and name of the file.	No

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channel-group	channel-group	<p>Command Syntax</p> <pre>channel-group number LACP_MODE no channel-group default channel-group</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>number</i> specifies a channel group ID. Values range from 1 through 2000. • <i>LACP_MODE</i> specifies the interface LACP mode. Values include: <ul style="list-style-type: none"> — mode on Interface is a static port channel, LACP disabled. Port neither verifies nor negotiates port channel membership. — mode active Interface is an active LACP port that transmits and receives LACP negotiation packets. — mode passive Interface is a passive LACP port that only responds to LACP negotiation packets. 	No
class-map type control-plane	class-map type control-plane	<p>Command Syntax</p> <pre>class-map type control-plane match-any class_name no class-map type control-plane [match-any] class_name default class-map type control-plane [match-any] class_name</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>class_name</i> Name of class map. 	No

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear arp-cache	clear arp-cache	<p>Command Syntax</p> <pre>clear arp-cache [VRF_INSTANCE] [INTERFACE_NAME]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • VRF_INSTANCE specifies the VRF instance for which arp data is refreshed. <ul style="list-style-type: none"> — <no parameter> specifies the context-active VRF. — vrf <i>vrf_name</i> specifies name of VRF instance. System default VRF is specified by default. • INTERFACE_NAME interface upon which ARP cache entries are refreshed. Options include: <ul style="list-style-type: none"> — <no parameter> All ARP cache entries. — interface ethernet <i>e_num</i> ARP cache entries of specified Ethernet interface. — interface loopback <i>l_num</i> ARP cache entries of specified loopback interface. — interface management <i>m_num</i> ARP cache entries of specified management interface. — interface port-channel <i>p_num</i> ARP cache entries of specified port-channel Interface. — interface vlan <i>v_num</i> ARP cache entries of specified VLAN interface. — interface vxlan <i>vx_num</i> VXLAN interface specified by <i>vx_num</i>. 	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear counters	clear counters	<p>Command Syntax</p> <pre>clear counters [<i>INTERFACE</i>] [<i>SCOPE</i>]</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>INTERFACE</i> Interface type and number. Options include: <ul style="list-style-type: none"> <no parameter> Display information for all interfaces. ethernet <i>e_range</i> Ethernet interface range specified by <i>e_range</i>. loopback <i>l_range</i> Loopback interface specified by <i>l_range</i>. management <i>m_range</i> Management interface range specified by <i>m_range</i>. port-channel <i>p_range</i> Port-Channel Interface range specified by <i>p_range</i>. vlan <i>v_range</i> VLAN interface range specified by <i>v_range</i>. vxlan <i>vx_range</i> VXLAN interface range specified by <i>vx_range</i>. <p>Valid <i>e_range</i>, <i>l_range</i>, <i>m_range</i>, <i>p_range</i>, <i>v_range</i>, and <i>vx_range</i> formats include number, number range, or comma-delimited list of numbers and ranges.</p> <i>SCOPE</i> Duration of the reset results. Options include: <ul style="list-style-type: none"> <no parameter> counters are cleared on the switch. session counters are reset only for the current session. 	Yes
clear ip arp	clear ip arp	<p>Command Syntax</p> <pre>clear ip arp [<i>VRF_INSTANCE</i>] <i>ipv4_addr</i></pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>VRF_INSTANCE</i> specifies the VRF instance for which arp data is removed. <ul style="list-style-type: none"> <no parameter> specifies the context-active VRF. vrf <i>vrf_name</i> specifies name of VRF instance. System default VRF is specified by default. <i>ipv4_addr</i> IPv4 address of dynamic ARP entry. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear ip bgp	clear ip bgp	<p>Command Syntax</p> <pre>clear ip bgp [ACTION] [RESET_TYPE] [DATA_FLOW] [VRF_INSTANCE]</pre> <p>Parameters</p> <ul style="list-style-type: none"> ACTION the entity upon which the clearing action is taken. Options include: <ul style="list-style-type: none"> <no parameter> clears the routing table, then reads in routes from designated peers. * clears all BGP IPv4 sessions with the switch's peers. ipv4_addr resets the IPv4 session with the peer at the specified IPv4 address. ipv6_addr resets the IPv4 session with the peer at the specified IPv6 address. RESET_TYPE reconfiguration type. Options include: <ul style="list-style-type: none"> <no parameter> hard reset. soft soft reset. DATA_FLOW restricts hard reset to inbound or outbound routes. Soft reset is bidirectional. <ul style="list-style-type: none"> <no parameter> inbound and outbound routes are reset. in inbound routes are reset. out outbound routes are reset. VRF_INSTANCE specifies VRF instances. <ul style="list-style-type: none"> <no parameter> clears routing table for context-active VRF. vrf vrf_name clears routing table for the specified VRF. vrf all clears routing table for all VRFs. vrf default clears routing table for default VRF. 	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear ip igmp group	clear ip igmp group	<p>Command Syntax</p> <pre>clear ip igmp group [gp_addr] [interface INT_ID]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>gp_addr</i> multicast group IP address (dotted decimal notation). • <i>INT_ID</i> interface name. Options include: <ul style="list-style-type: none"> — ethernet <i>e_num</i> Ethernet interface specified by <i>e_num</i>. — loopback <i>l_num</i> Loopback interface specified by <i>l_num</i>. — management <i>m_num</i> Management interface specified by <i>m_num</i>. — port-channel <i>p_num</i> Port-channel interface specified by <i>p_num</i>. — vlan <i>v_num</i> VLAN interface specified by <i>v_num</i>. — vxlan <i>vx_num</i> VXLAN interface specified by <i>vx_num</i>. 	Yes
clear ip mroute	clear ip mroute	<p>Command Syntax</p> <pre>clear ip mroute ENTRY_LIST</pre> <p>Parameters</p> <ul style="list-style-type: none"> • <i>ENTRY_LIST</i> entries that the command removes from the mroute table. Options include: <ul style="list-style-type: none"> — * all route entries are removed from the table — <i>gp_ipv4</i> all entries for multicast group <i>gp_ipv4</i> (dotted decimal notation). — <i>gp_ipv4 src_ipv4</i> all entries for source (<i>src_ipv4</i>) sending to group (<i>gp_ipv4</i>). 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear ip msdp sa-cache	clear ip msdp sa-cache	<p>Command Syntax</p> <pre>clear ip msdp sa-cache [ADDRESS_FILTER]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • ADDRESS_FILTER IPv4 address used to select table entries for removal. <ul style="list-style-type: none"> — <no parameter> All SA messages — <i>grp_addr</i> Multicast group address (IPv4 address). <i>grp_addr</i> must be a valid multicast address. 	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear ip nat translation	clear ip nat translation	<p>Command Syntax</p> <pre>clear ip nat translation [HOST_ADDR [DEST_ADDR]] [INTF] [PROT_TYPE]</pre> <p>Parameters</p> <p><i>DEST_ADDR</i> immediately follows <i>HOST_ADDR</i>. All other parameters, including <i>HOST_ADDR</i>, may be placed in any order.</p> <ul style="list-style-type: none"> • <i>HOST_ADDR</i> Host address to be modified. Options include: <ul style="list-style-type: none"> — <no parameter> All packets with specified destination address are cleared. — address local_ipv4 IPv4 address. — address local_ipv4 local_port IPv4 address and port (port value ranges from 1 to 65535). • <i>DEST_ADDR</i> Destination address of translated packet. Destination address can be entered only when the <i>HOST_ADDR</i> is specified. Options include: <ul style="list-style-type: none"> — <no parameter> All packets with specified destination address are cleared. — <i>global_ipv4</i> IPv4 address. — <i>global_ipv4 global_port</i> IPv4 address and port (port value ranges from 1 to 65535). • <i>INTF</i> Route source. Options include: <ul style="list-style-type: none"> — <no parameter> All packets with specified destination address are cleared. — interface ethernet <i>e_num</i> Ethernet interface specified by <i>e_num</i>. — interface loopback <i>l_num</i> Loopback interface specified by <i>l_num</i>. — interface management <i>m_num</i> Management interface specified by <i>m_num</i>. — interface port-channel <i>p_num</i> Port-channel interface specified by <i>p_num</i>. — interface vlan <i>v_num</i> VLAN interface specified by <i>v_num</i>. • <i>PROT_TYPE</i> Filters packets based on protocol type. Options include: <ul style="list-style-type: none"> — <no parameter> All packets with specified destination address are cleared. — tcp TCP packets with specified destination address are cleared. — udp UDP packets with specified destination address are cleared. 	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear ip ospf neighbor	clear ip ospf neighbor	<p>Command Syntax</p> <pre>clear ip ospf [<i>PROCESS_ID</i>] neighbor[<i>LOCATION</i>] [<i>VRF_INSTANCE</i>]</pre> <p>Parameters</p> <ul style="list-style-type: none">• <i>PROCESS_ID</i> OSPFv2 process ID. Values include:<ul style="list-style-type: none">— <no parameter>— <1 to 65535>• <i>LOCATION</i> IP address or interface peer group name. Values include:<ul style="list-style-type: none">— * clears all OSPF IPv4 neighbors.— <i>ipv4_addr</i>— ethernet <i>e_num</i>— loopback <i>l_num</i>— port-channel <i>p_num</i>— vlan <i>v_num</i>• <i>VRF_INSTANCE</i> specifies the VRF instance.<ul style="list-style-type: none">— <no parameter>— vrf <i>vrf_name</i>	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear ipv6 neighbors	clear ipv6 neighbors	<p>Command Syntax</p> <pre>clear ipv6 neighbors [PORT] [DYNAMIC_IPV6]</pre> <p>Parameters</p> <ul style="list-style-type: none">• PORT Interface through which neighbor is accessed. Options include:<ul style="list-style-type: none">— <no parameter> all dynamic entries are removed.— ethernet <i>e_num</i> Ethernet interface specified by <i>e_num</i>.— loopback <i>l_num</i> Loopback interface specified by <i>l_num</i>.— management <i>m_num</i> Management interface specified by <i>m_num</i>.— port-channel <i>p_num</i> Port-channel interface specified by <i>p_num</i>.— vlan <i>v_num</i> VLAN interface specified by <i>v_num</i>.— vxlan <i>vx_num</i> VXLAN interface specified by <i>vx_num</i>.• DYNAMIC_IPV6 Address of entry removed by the command. Options include:<ul style="list-style-type: none">— <no parameter> all dynamic entries for specified interface are removed.— <i>ipv6_addr</i> IPv6 address of entry.	Yes
clear ipv6 ospf force-spf	clear ipv6 ospf force-spf	<p>Command Syntax</p> <pre>clear ipv6 ospf force-spf</pre>	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear lldp counters	clear lldp counters	<p>Command Syntax</p> <pre>clear lldp counters [SCOPE]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • SCOPE Session affected by command. Options include: <ul style="list-style-type: none"> — <no parameter> command affects counters on all CLI sessions. — session clears LLDP counters for the current CLI session only. 	Yes
clear lldp table	clear lldp table	<p>Command Syntax</p> <pre>clear lldp table</pre>	Yes
clear mac-address-table dynamic	clear mac address-table dynamic	<p>Command Syntax</p> <pre>clear mac address-table dynamic [VLANs] [INTERFACE]</pre> <p>Parameters</p> <ul style="list-style-type: none"> • VLANs Table entries are cleared for specified VLANs. Options include: <ul style="list-style-type: none"> — <no parameter> all VLANs. — vlan v_num VLAN specified by <i>v_num</i>. • INTERFACE Table entries are cleared for specified interfaces. Options include: <ul style="list-style-type: none"> — <no parameter> all Ethernet and port channel interfaces. — interface ethernet e_range Ethernet interfaces specified by <i>e_range</i>. — interface port-channel p_range port channel interfaces specified by <i>p_range</i>. — vxlan vx_range VXLAN interfaces specified by <i>vx_range</i>. <p>Valid <i>range</i> formats include number, range, or comma-delimited list of numbers and ranges.</p>	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clear spanning-tree counters	clear spanning-tree counters	<p>Command Syntax</p> <pre>clear spanning-tree counters [INT_NAME]</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>INT_NAME</i> Interface type and number. Options include: <ul style="list-style-type: none"> <no parameter> resets counters for all interfaces. interface ethernet <i>e_num</i> Ethernet interface specified by <i>e_num</i>. interface loopback <i>l_num</i> Loopback interface specified by <i>l_num</i>. interface management <i>m_num</i> Management interface specified by <i>m_num</i>. interface port-channel <i>p_num</i> Port-Channel Interface specified by <i>p_num</i>. interface vlan <i>v_num</i> VLAN interface specified by <i>v_num</i>. 	Yes
clock set	clock set	<p>Command Syntax</p> <pre>clock set hh:mm:ss date</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>hh:mm:ss</i> is the current time (24-hour notation). <i>date</i> is the current date. Date formats include: <ul style="list-style-type: none"> mm/dd/yy <i>example:</i> 05/15/2012 Month day year <i>example:</i> May 15 2012 day month year <i>example:</i> 15 May 2012 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
clock timezone	clock timezone	Command Syntax <code>clock timezone zone_name</code> <code>no clock timezone</code> <code>default clock timezone</code> Parameters <ul style="list-style-type: none"> <code>zone_name</code> the time zone. Settings include a list of predefined time zone labels. 	No
control-plane	control-plane	Command Syntax <code>control-plane</code>	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
default-information originate (OSPF)	default-information originate (OSPFv2)	<p>Command Syntax</p> <pre>default-information originate [<i>FORCE</i>] [<i>VALUE</i>] [<i>TYPE</i>] [<i>MAP</i>] no default-information originate default default-information originate</pre> <p>All parameters can be placed in any order.</p> <p>Parameters</p> <ul style="list-style-type: none"> • <i>FORCE</i> advertisement forcing option. Values include: <ul style="list-style-type: none"> — <no parameter> — always • <i>VALUE</i> Values include: <ul style="list-style-type: none"> — <no parameter> — metric <1-65535> • <i>TYPE</i> Values include: <ul style="list-style-type: none"> — <no parameter> — metric-type <1-2> • <i>MAP</i> sets attributes in the LSA based on a route map. Values include: <ul style="list-style-type: none"> — <no parameter> — route-map <i>map_name</i>. 	Yes

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
default-information originate (OSPFv3)	default-information originate (OSPFv3)	<p>Command Syntax</p> <p>default-information originate [<i>DURATION</i>] [<i>VALUE</i>] [<i>TYPE</i>] [<i>MAP</i>] no default-information originate default default-information originate</p> <p>All parameters can be placed in any order.</p> <p>Parameters</p> <ul style="list-style-type: none"> DURATION Values include: <ul style="list-style-type: none"> — <no parameter> — always VALUE Values include: <ul style="list-style-type: none"> — <no parameter> — metric <1-65535> TYPE Values include: <ul style="list-style-type: none"> — <no parameter> — metric-type <1-2> MAP Values include: <ul style="list-style-type: none"> — <no parameter> — route-map <i>map_name</i> 	Yes
!!!!!!!!!!!!	!!!!!!!!!!!!		

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
default-metric (OSPFv3)	default-metric (OSPFv3)	<p>Command Syntax</p> <pre>default-metric def_metric no default-metric default default-metric</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>def_metric</i> Values range from 1 to 65535. Default value is 10. 	No
distance bgp	distance bgp	<p>Command Syntax</p> <pre>distance bgp external_dist [<i>INTERNAL_LOCAL</i>] no distance bgp default distance bgp</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>external_dist</i> distance assigned to external routes. Values range from 1 to 255. <i>INTERNAL_LOCAL</i> distance assigned to internal and local routes. Values for both routes range from 1 to 255. Options include: <ul style="list-style-type: none"> <no parameter> <i>external_dist</i> value is assigned to internal and local routes. <i>internal_dist local_dist</i> values assigned to internal (<i>internal_dist</i>) and local (<i>local_dist</i>) routes. 	No
domain-id	domain-id	<p>Command Syntax</p> <pre>domain-id identifier no domain-id default domain-id</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>identifier</i> alphanumeric string that names the MLAG domain. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
dot1x max-reauth-req	dot1x max-reauth-req	<p>Command Syntax</p> <pre>dot1x max-reauth-req <i>attempts</i> no dot1x max-reauth-req default dot1x max-reauth-req</pre> <p>Parameters</p> <ul style="list-style-type: none"><i>attempts</i> maximum number of attempts. Values range from 1 to 10; default value is 2.	No
dot1x pae authenticator	dot1x pae authenticator	<p>Command Syntax</p> <pre>dot1x pae authenticator no dot1x pae authenticator default dot1x pae authenticator</pre>	Yes
dot1x port-control	dot1x port-control	<p>Command Syntax</p> <pre>dot1x port-control <i>STATE</i> no dot1x port-control default dot1x port-control</pre> <p>Parameters</p> <ul style="list-style-type: none"><i>STATE</i> specifies whether the interface will authenticate traffic. The default value is <i>force-authorized</i>. Options include:<ul style="list-style-type: none">auto configures the port to authenticate traffic using Extensible Authentication Protocol messages.force-authorized configures the port to pass traffic without authentication.force-unauthorized configures the port to block all traffic regardless of authentication.	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
dot1x reauthentication	dot1x reauthentication	Command Syntax dot1x reauthentication no dot1x reauthentication default dot1x reauthentication	Yes
dot1x system-auth-control	dot1x system-auth-control	Command Syntax dot1x system-auth-control no dot1x system-auth-control default dot1x system-auth-control	Yes
dot1x timeout quiet-period	dot1x timeout quiet-period	Command Syntax dot1x timeout quiet-period <i>quiet_time</i> no dot1x timeout quiet-period default dot1x timeout quiet-period Parameters <ul style="list-style-type: none"> <i>quiet_time</i> interval in seconds. Values range from 1 to 65535. Default value is 60. 	No
dot1x timeout reauth-period	dot1x timeout reauth-period	Command Syntax dot1x timeout reauth-period <i>reauth_time</i> no dot1x timeout reauth-period default dot1x timeout reauth-period Parameters <ul style="list-style-type: none"> <i>reauth_time</i> the number of seconds the interface passes traffic before requiring re-authentication. Values range from 1 to 65535. Default value is 3600. 	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
dot1x timeout tx-period	dot1x timeout tx-period	<p>Command Syntax</p> <pre>dot1x timeout tx-period tx_time no dot1x timeout tx-period default dot1x timeout tx-period</pre> <p>Parameters</p> <ul style="list-style-type: none">• <i>tx_time</i> Values range from 1 to 65535. Default value is 5.	No
enable secret	enable secret	<p>Command Syntax</p> <pre>enable secret [ENCRYPT_TYPE] password no enable secret default enable secret</pre> <p>Parameters</p> <ul style="list-style-type: none">• <i>ENCRYPT_TYPE</i> encryption level of the <i>password</i> parameter. Settings include:<ul style="list-style-type: none">— <no parameter> the password is entered as clear text.— 0 the password is entered as clear text. Equivalent to <no parameter>.— 5 the password is entered as an md5 encrypted string.— sha512 the password is entered as an sha512 encrypted string.• <i>password</i> text that authenticates the username.<ul style="list-style-type: none">— <i>password</i> must be in clear text if <i>ENCRYPT_TYPE</i> specifies clear text.— <i>password</i> must be an appropriately encrypted string if <i>ENCRYPT_TYPE</i> specifies encryption. <p>Encrypted strings entered through this parameter are generated elsewhere.</p>	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
erase startup-config	erase startup-config	Command Syntax erase startup-config [<i>CONFIRMATION</i>] Parameters <ul style="list-style-type: none">• <i>CONFIRMATION</i><ul style="list-style-type: none">— <no parameter> the switch requires a confirmation before starting the erase.— now the erase begins immediately without prompting the user to confirm the request.	Yes
errdisable detect cause link-flap	errdisable detect cause link-flap	Command Syntax errdisable detect cause link-flap no errdisable detect cause link-flap default errdisable detect cause link-flap	Yes
errdisable recovery cause	errdisable recovery cause	Command Syntax errdisable recovery cause <i>CONDITION</i> no errdisable recovery cause <i>CONDITION</i> default errdisable recovery cause <i>CONDITION</i> Parameters <ul style="list-style-type: none">• <i>CONDITION</i> Disabling condition for which command automates recovery. Options include:<ul style="list-style-type: none">— bpduguard— link-flap— no-internal-vlan— portchannelguard— portsec— tapagg— uplink-failure-detection— xcvr_unsupported	No

APPENDIX N – Comparison of Command Abstractions to Actual Documented EOS Command Syntax

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)	Complete Command?
errdisable recovery interval	errdisable recovery interval	<p>Command Syntax</p> <pre>errdisable recovery interval <i>period</i> no errdisable recovery interval default errdisable recovery interval</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>period</i> Error disable recovery period (seconds). Value ranges from 30 to 86400. Default value is 300 	No
flowcontrol receive	flowcontrol receive	<p>Command Syntax</p> <pre>flowcontrol receive <i>STATE</i> no flowcontrol receive default flowcontrol receive</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>STATE</i> flow control pause frame processing setting. Options include: <ul style="list-style-type: none"> — on — off 	No
flowcontrol send	flowcontrol send	<p>Command Syntax</p> <pre>flowcontrol send <i>STATE</i> no flowcontrol send default flowcontrol send</pre> <p>Parameters</p> <ul style="list-style-type: none"> <i>STATE</i> flow control send setting. Options include <ul style="list-style-type: none"> — on — off 	No